

ABSTRACT

The present invention relates to a method of constructing a variant of a parent Termamyl-like α -amylase, which variant has α -amylase activity and at least one altered property as compared to the parent α -amylase, comprises

i) analysing the structure of the parent Termamyl-like α -amylase to identify at least one amino acid residue or at least one structural part of the Termamyl-like α -amylase structure, which amino acid residue or structural part is believed to be of relevance for altering the property of the parent Termamyl-like α -amylase (as evaluated on the basis of structural or functional considerations),

ii) constructing a Termamyl-like α -amylase variant, which as compared to the parent Termamyl-like α -amylase, has been modified in the amino acid residue or structural part identified in i) so as to alter the property, and, optionally,

iii) testing the resulting Termamyl-like α -amylase variant with respect to the property in question.